SYSTEM FLOW CHART

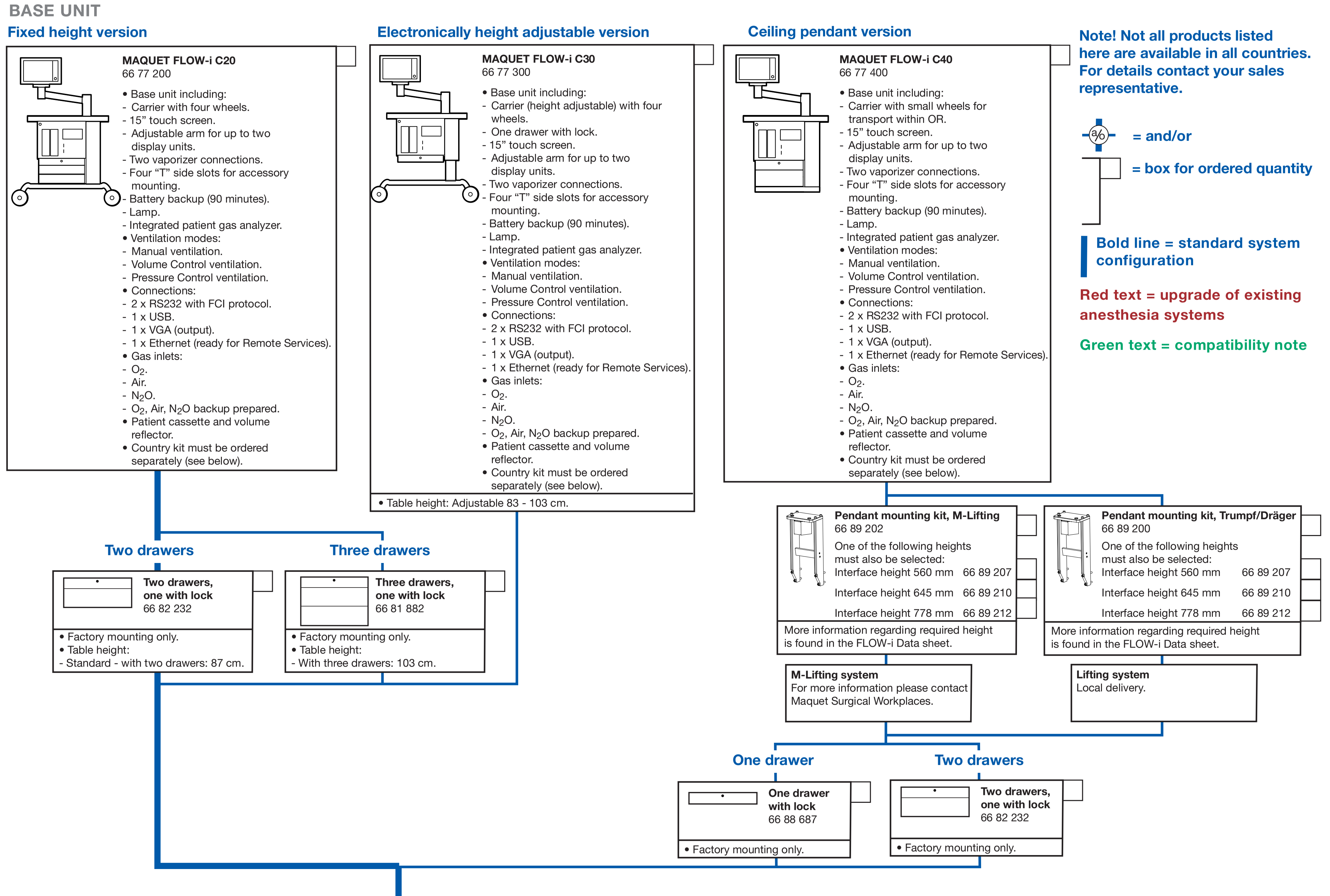
MAQUET
GETINGE GROUP

ANESTHESIA SYSTEM FLOW-i



FLOW-i ANESTHESIA SYSTEM, SYSTEM VERSION 4.0

BASE UNIT



Fixed height version

MAQUET FLOW-i C20
66 77 200

- Base unit including:
  - Carrier with four wheels.
  - 15” touch screen.
  - Adjustable arm for up to two display units.
  - Two vaporizer connections.
  - Four “T” side slots for accessory mounting.
  - Battery backup (90 minutes).
  - Lamp.
  - Integrated patient gas analyzer.
- Ventilation modes:
  - Manual ventilation.
  - Volume Control ventilation.
  - Pressure Control ventilation.
- Connections:
  - 2 x RS232 with FCI protocol.
  - 1 x USB.
  - 1 x VGA (output).
  - 1 x Ethernet (ready for Remote Services).
- Gas inlets:
  - O_2.
  - Air.
  - N_2O.
  - O_2, Air, N_2O backup prepared.
- Patient cassette and volume reflector.
- Country kit must be ordered separately (see below).

Electronically height adjustable version

MAQUET FLOW-i C30
66 77 300

- Base unit including:
  - Carrier (height adjustable) with four wheels.
  - One drawer with lock.
  - 15” touch screen.
  - Adjustable arm for up to two display units.
  - Two vaporizer connections.
  - Four “T” side slots for accessory mounting.
  - Battery backup (90 minutes).
  - Lamp.
  - Integrated patient gas analyzer.
- Ventilation modes:
  - Manual ventilation.
  - Volume Control ventilation.
  - Pressure Control ventilation.
- Connections:
  - 2 x RS232 with FCI protocol.
  - 1 x USB.
  - 1 x VGA (output).
  - 1 x Ethernet (ready for Remote Services).
- Gas inlets:
  - O_2.
  - Air.
  - N_2O.
  - O_2, Air, N_2O backup prepared.
- Patient cassette and volume reflector.
- Country kit must be ordered separately (see below).

- Table height: Adjustable 83 - 103 cm.

Ceiling pendant version

MAQUET FLOW-i C40
66 77 400

- Base unit including:
  - Carrier with small wheels for transport within OR.
  - 15” touch screen.
  - Adjustable arm for up to two display units.
  - Two vaporizer connections.
  - Four “T” side slots for accessory mounting.
  - Battery backup (90 minutes).
  - Lamp.
  - Integrated patient gas analyzer.
- Ventilation modes:
  - Manual ventilation.
  - Volume Control ventilation.
  - Pressure Control ventilation.
- Connections:
  - 2 x RS232 with FCI protocol.
  - 1 x USB.
  - 1 x VGA (output).
  - 1 x Ethernet (ready for Remote Services).
- Gas inlets:
  - O_2.
  - Air.
  - N_2O.
  - O_2, Air, N_2O backup prepared.
- Patient cassette and volume reflector.
- Country kit must be ordered separately (see below).

Note! Not all products listed here are available in all countries. For details contact your sales representative.

= and/or

= box for ordered quantity

Bold line = standard system configuration

Red text = upgrade of existing anesthesia systems

Green text = compatibility note

Two drawers

Two drawers, one with lock
66 82 232

- Factory mounting only.
- Table height:
  - Standard - with two drawers: 87 cm.

Three drawers

Three drawers, one with lock
66 81 882

- Factory mounting only.
- Table height:
  - With three drawers: 103 cm.

Pendant mounting kit, M-Lifting
66 89 202

One of the following heights must also be selected:

Interface height 560 mm	66 89 207
Interface height 645 mm	66 89 210
Interface height 778 mm	66 89 212

More information regarding required height is found in the FLOW-i Data sheet.

Pendant mounting kit, Trumpf/Dräger
66 89 200

One of the following heights must also be selected:

Interface height 560 mm	66 89 207
Interface height 645 mm	66 89 210
Interface height 778 mm	66 89 212

More information regarding required height is found in the FLOW-i Data sheet.

M-Lifting system
For more information please contact Maquet Surgical Workplaces.

Lifting system
Local delivery.

One drawer

One drawer with lock
66 88 687

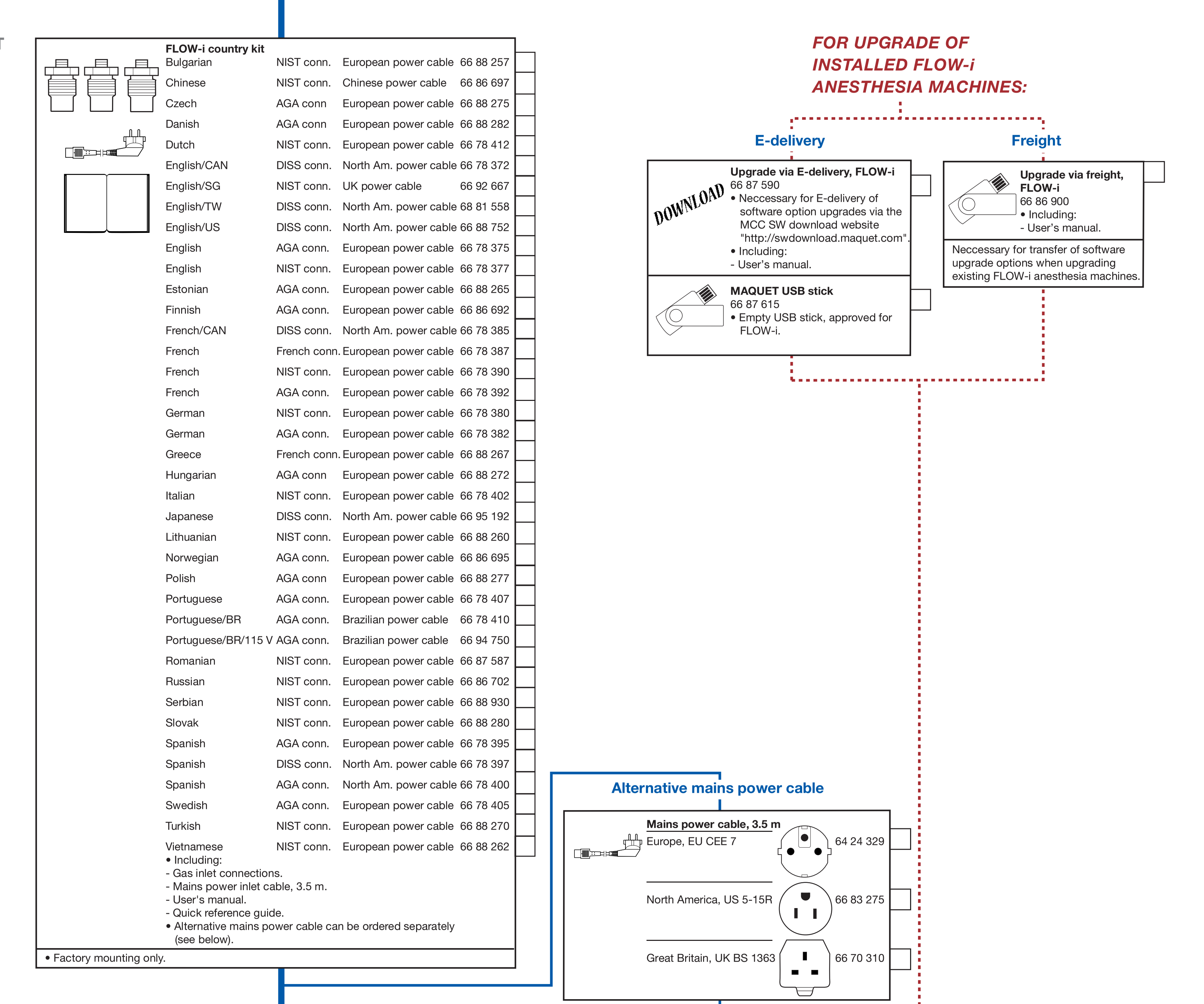
- Factory mounting only.

Two drawers

Two drawers, one with lock
66 82 232

- Factory mounting only.

COUNTRY KIT



FLOW-i country kit

Bulgarian	NIST conn.	European power cable	66 88 257
Chinese	NIST conn.	Chinese power cable	66 86 697
Czech	AGA conn	European power cable	66 88 275
Danish	AGA conn	European power cable	66 88 282
Dutch	NIST conn.	European power cable	66 78 412
English/CAN	DISS conn.	North Am. power cable	66 78 372
English/SG	NIST conn.	UK power cable	66 92 667
English/TW	DISS conn.	North Am. power cable	68 81 558
English/US	DISS conn.	North Am. power cable	66 88 752
English	AGA conn.	European power cable	66 78 375
English	NIST conn.	European power cable	66 78 377
Estonian	AGA conn.	European power cable	66 88 265
Finnish	AGA conn.	European power cable	66 86 692
French/CAN	DISS conn.	North Am. power cable	66 78 385
French	French conn.	European power cable	66 78 387
French	NIST conn.	European power cable	66 78 390
French	AGA conn.	European power cable	66 78 392
German	NIST conn.	European power cable	66 78 380
German	AGA conn.	European power cable	66 78 382
Greece	French conn.	European power cable	66 88 267
Hungarian	AGA conn	European power cable	66 88 272
Italian	NIST conn.	European power cable	66 78 402
Japanese	DISS conn.	North Am. power cable	66 95 192
Lithuanian	NIST conn.	European power cable	66 88 260
Norwegian	AGA conn.	European power cable	66 86 695
Polish	AGA conn	European power cable	66 88 277
Portuguese	AGA conn.	European power cable	66 78 407
Portuguese/BR	AGA conn.	Brazilian power cable	66 78 410
Portuguese/BR/115 V	AGA conn.	Brazilian power cable	66 94 750
Romanian	NIST conn.	European power cable	66 87 587
Russian	NIST conn.	European power cable	66 86 702
Serbian	NIST conn.	European power cable	66 88 930
Slovak	NIST conn.	European power cable	66 88 280
Spanish	AGA conn.	European power cable	66 78 395
Spanish	DISS conn.	North Am. power cable	66 78 397
Spanish	AGA conn.	North Am. power cable	66 78 400
Swedish	AGA conn.	European power cable	66 78 405
Turkish	NIST conn.	European power cable	66 88 270
Vietnamese	NIST conn.	European power cable	66 88 262

- Including:
  - Gas inlet connections.
  - Mains power inlet cable, 3.5 m.
  - User's manual.
  - Quick reference guide.
- Alternative mains power cable can be ordered separately (see below).

- Factory mounting only.

Alternative mains power cable

Mains power cable, 3.5 m

Europe, EU CEE 7	64 24 329
North America, US 5-15R	66 83 275
Great Britain, UK BS 1363	66 70 310

FOR UPGRADE OF INSTALLED FLOW-i ANESTHESIA MACHINES:

E-delivery

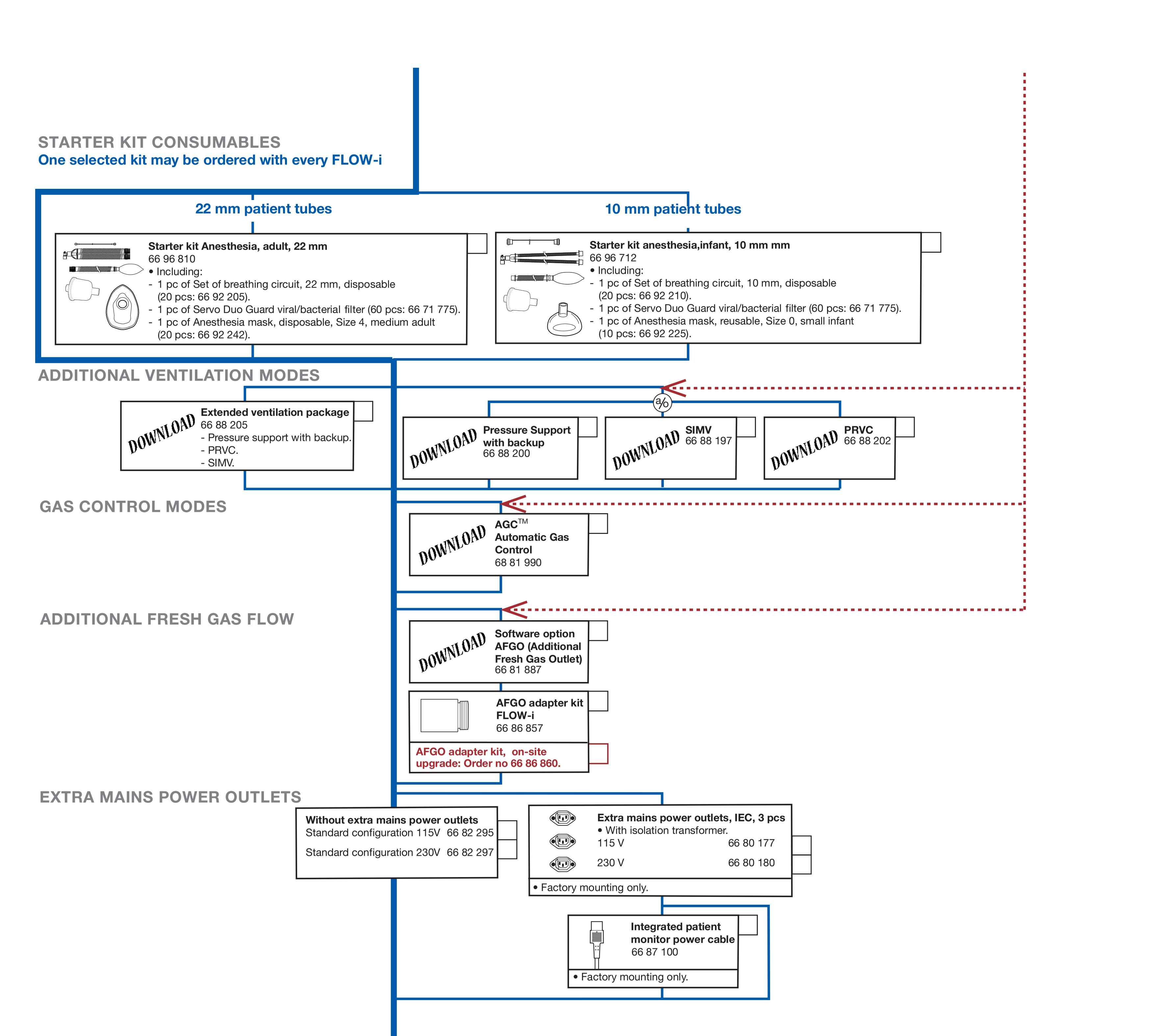
Upgrade via E-delivery, FLOW-i
66 87 590
- Neccessary for E-delivery of software option upgrades via the MCC SW download website "http://swdownload.maquet.com".
- Including:
  - User's manual.

MAQUET USB stick
66 87 615
- Empty USB stick, approved for FLOW-i.

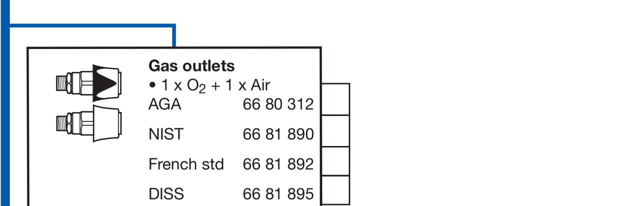
Freight

Upgrade via freight, FLOW-i
66 86 900
- Including:
  - User's manual.

Neccessary for transfer of software upgrade options when upgrading existing FLOW-i anesthesia machines.


STARTER KIT CONSUMABLES
One selected kit may be ordered with every FLOW-i
22 mm patient tubes
Starter kit Anesthesia, adult, 22 mm
66 96 810
• Including:
- 1 pc of Set of breathing circuit, 22 mm, disposable (20 pcs: 66 92 205).
- 1 pc of Servo Duo Guard viral/bacterial filter (60 pcs: 66 71 775).
- 1 pc of Anesthesia mask, disposable, Size 4, medium adult (20 pcs: 66 92 242).
10 mm patient tubes
Starter kit anesthesia,infant, 10 mm mm
66 96 712
• Including:
- 1 pc of Set of breathing circuit, 10 mm, disposable (20 pcs: 66 92 210).
- 1 pc of Servo Duo Guard viral/bacterial filter (60 pcs: 66 71 775).
- 1 pc of Anesthesia mask, reusable, Size 0, small infant (10 pcs: 66 92 225).
ADDITIONAL VENTILATION MODES
DOWNLOAD
Extended ventilation package
66 88 205
- Pressure support with backup.
- PRVC.
- SIMV.
DOWNLOAD
Pressure Support with backup
66 88 200
DOWNLOAD
SIMV
66 88 197
DOWNLOAD
PRVC
66 88 202
GAS CONTROL MODES
DOWNLOAD
AGC™ Automatic Gas Control
68 81 990
ADDITIONAL FRESH GAS FLOW
DOWNLOAD
Software option AFGO (Additional Fresh Gas Outlet)
66 81 887
AFGO adapter kit FLOW-i
66 86 857
AFGO adapter kit, on-site upgrade: Order no 66 86 860.
EXTRA MAINS POWER OUTLETS
Without extra mains power outlets
Standard configuration 115V 66 82 295
Standard configuration 230V 66 82 297
Extra mains power outlets, IEC, 3 pcs
• With isolation transformer.
115 V 66 80 177
230 V 66 80 180
• Factory mounting only.
Integrated patient monitor power cable
66 87 100
• Factory mounting only.

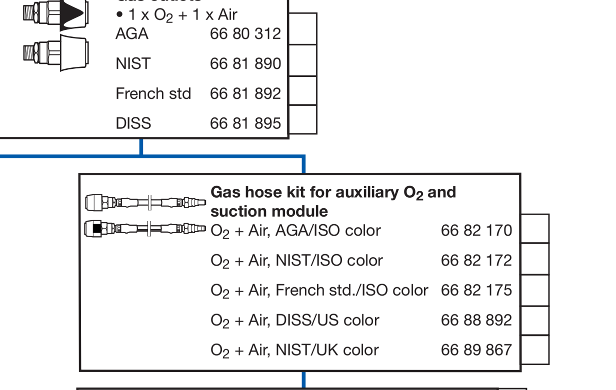
GAS OUTLETS



Gas outlets
- 1 x O_2 + 1 x Air

AGA	66 80 312
NIST	66 81 890
French std	66 81 892
DISS	66 81 895

O_2 FLOWMETER / SUCTION EQUIPMENT



Gas hose kit for auxiliary O_2 and suction module

O_2 + Air, AGA/ISO color	66 82 170
O_2 + Air, NIST/ISO color	66 82 172
O_2 + Air, French std./ISO color	66 82 175
O_2 + Air, DISS/US color	66 88 892
O_2 + Air, NIST/UK color	66 89 867

Auxiliary O_2 and suction module
66 79 847
- Including:
  - Rear handle for base unit.
  - Hydrofobic bacterial/viral filter, 5 pcs.
  - Silicone rubber tube between suction ejector and suction bottle, length 1 m, Internal diameter 6 mm.

a/o

Angled adapter for sterile water container
66 81 900

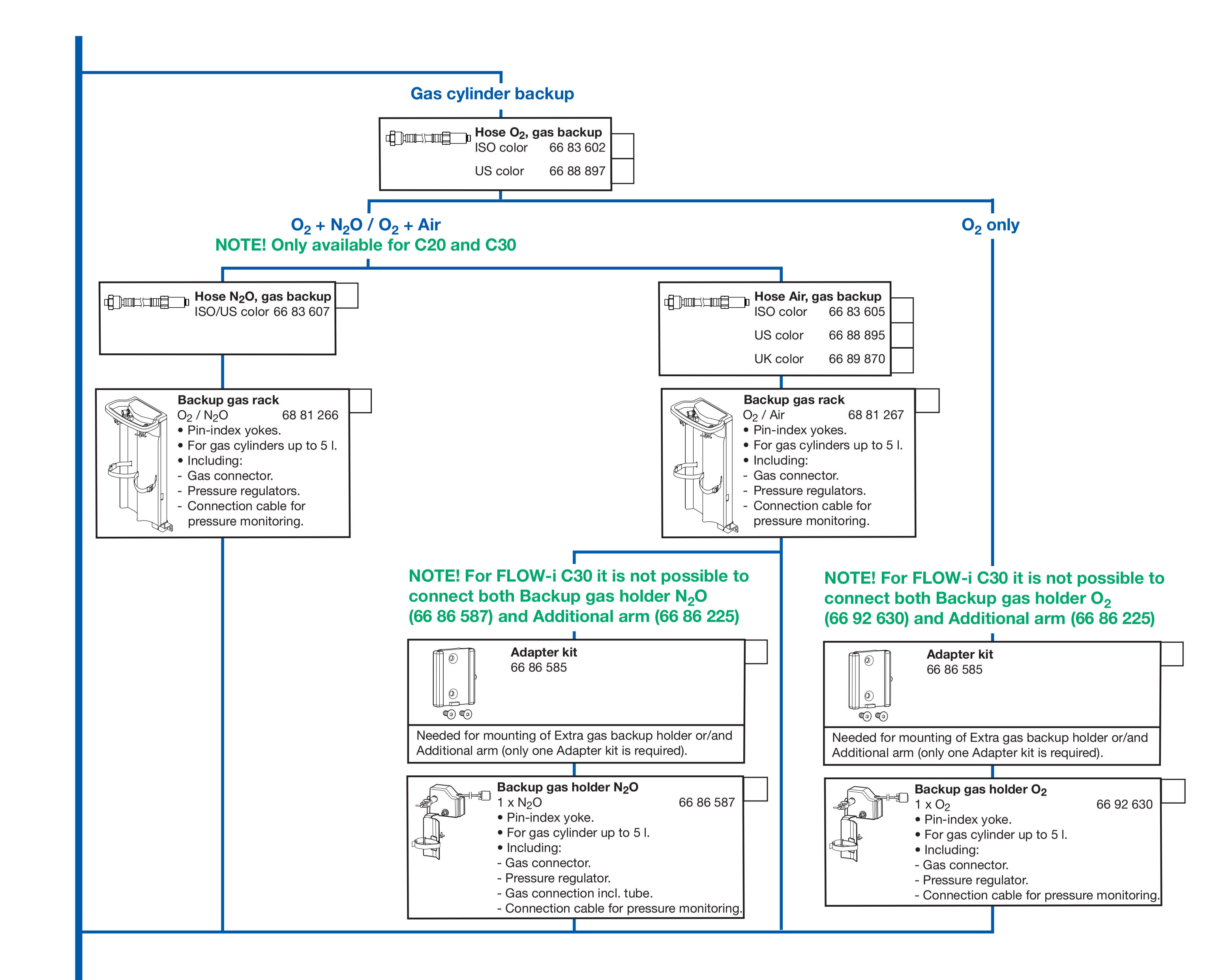
Hydrofobic bacterial/viral filter
57 500 630 *
- For Auxiliary O_2 and suction module.
- Disposable.

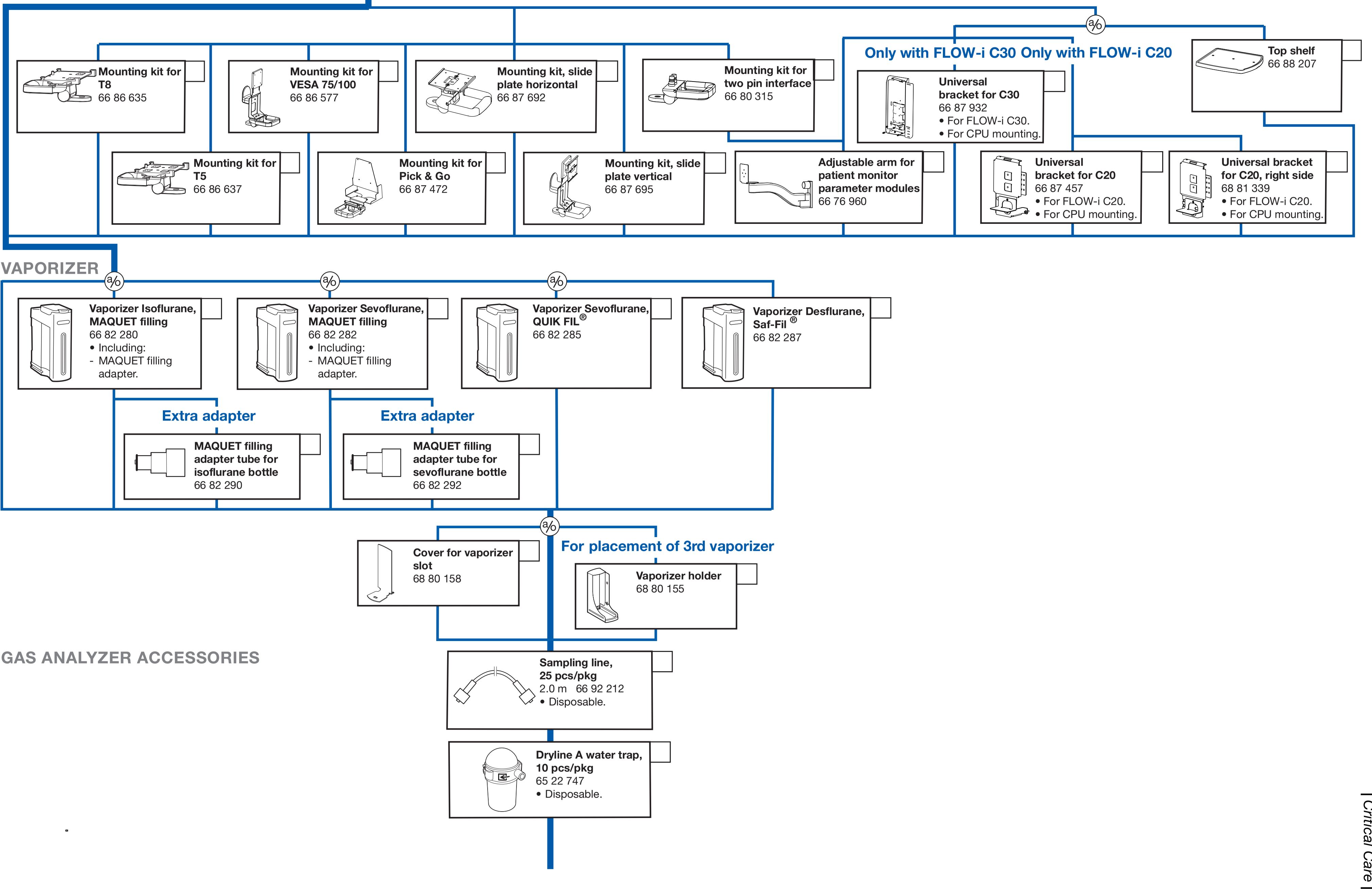
* Order from Maquet KG, Rastatt, Business Unit MEDAP, phone +49-7222-932-0.

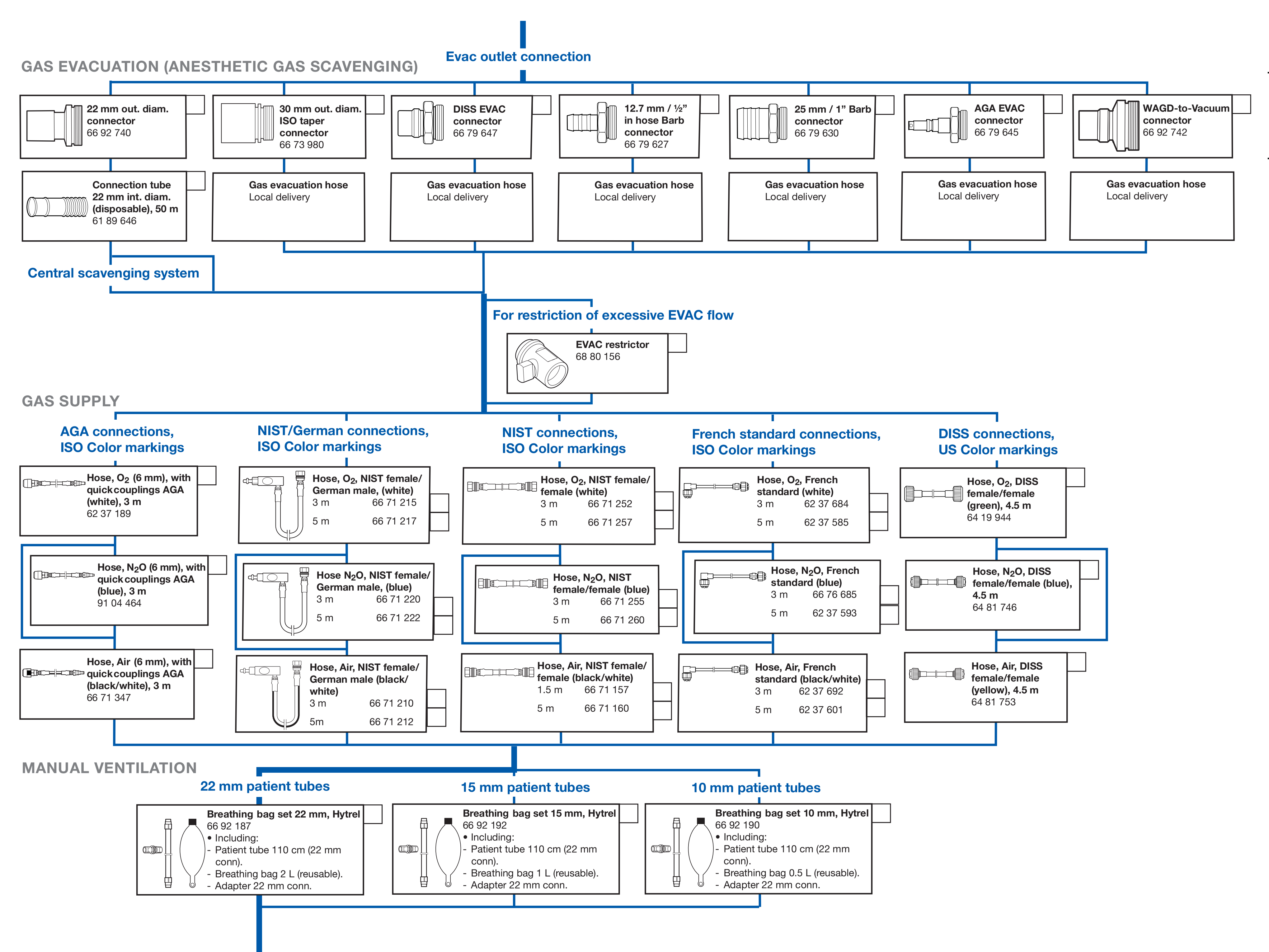
Suction accessories

For more information please contact Maquet KG, Rastatt, Business Unit MEDAP, phone +49-7222-932-0.

BACKUP GAS SUPPLY




PATIENT MONITORING MOUNTINGS
Mounting kit for T8
66 86 635
Mounting kit for VESA 75/100
66 86 577
Mounting kit, slide plate horizontal
66 87 692
Mounting kit for two pin interface
66 80 315
Mounting kit for T5
66 86 637
Mounting kit for Pick & Go
66 87 472
Mounting kit, slide plate vertical
66 87 695
Adjustable arm for patient monitor parameter modules
66 76 960
Only with FLOW-i C30
Only with FLOW-i C20
Universal bracket for C30
66 87 932
• For FLOW-i C30.
• For CPU mounting.
Universal bracket for C20
66 87 457
• For FLOW-i C20.
• For CPU mounting.
Universal bracket for C20, right side
68 81 339
• For FLOW-i C20.
• For CPU mounting.
Top shelf
66 88 207
VAPORIZER
Vaporizer Isoflurane, MAQUET filling
66 82 280
• Including:
- MAQUET filling adapter.
Vaporizer Sevoflurane, MAQUET filling
66 82 282
• Including:
- MAQUET filling adapter.
Vaporizer Sevoflurane, QUIK FIL®
66 82 285
Vaporizer Desflurane, Saf-Fil®
66 82 287
Extra adapter
MAQUET filling adapter tube for isoflurane bottle
66 82 290
Extra adapter
MAQUET filling adapter tube for sevoflurane bottle
66 82 292
Cover for vaporizer slot
68 80 158
For placement of 3rd vaporizer
Vaporizer holder
68 80 155
GAS ANALYZER ACCESSORIES
Sampling line, 25 pcs/pkg
2.0 m 66 92 212
• Disposable.
Dryline A water trap, 10 pcs/pkg
65 22 747
• Disposable.


GAS EVACUATION (ANESTHETIC GAS SCAVENGING)
Evac outlet connection
22 mm out. diam. connector 66 92 740
30 mm out. diam. ISO taper connector 66 73 980
DISS EVAC connector 66 79 647
12.7 mm / ½" in hose Barb connector 66 79 627
25 mm / 1" Barb connector 66 79 630
AGA EVAC connector 66 79 645
WAGD-to-Vacuum connector 66 92 742
Connection tube 22 mm int. diam. (disposable), 50 m 61 89 646
Gas evacuation hose Local delivery
Gas evacuation hose Local delivery
Gas evacuation hose Local delivery
Gas evacuation hose Local delivery
Gas evacuation hose Local delivery
Gas evacuation hose Local delivery
Central scavenging system
For restriction of excessive EVAC flow
EVAC restrictor 68 80 156
GAS SUPPLY
AGA connections, ISO Color markings
Hose, O_2 (6 mm), with quickcouplings AGA (white), 3 m 62 37 189
Hose, N_2O (6 mm), with quickcouplings AGA (blue), 3 m 91 04 464
Hose, Air (6 mm), with quickcouplings AGA (black/white), 3 m 66 71 347
NIST/German connections, ISO Color markings
Hose, O_2, NIST female/German male, (white) 3 m 66 71 215 5 m 66 71 217
Hose N_2O, NIST female/German male, (blue) 3 m 66 71 220 5 m 66 71 222
Hose, Air, NIST female/German male (black/white) 3 m 66 71 210 5m 66 71 212
NIST connections, ISO Color markings
Hose, O_2, NIST female/female (white) 3 m 66 71 252 5 m 66 71 257
Hose, N_2O, NIST female/female (blue) 3 m 66 71 255 5 m 66 71 260
Hose, Air, NIST female/female (black/white) 1.5 m 66 71 157 5 m 66 71 160
French standard connections, ISO Color markings
Hose, O_2, French standard (white) 3 m 62 37 684 5 m 62 37 585
Hose, N_2O, French standard (blue) 3 m 66 76 685 5 m 62 37 593
Hose, Air, French standard (black/white) 3 m 62 37 692 5 m 62 37 601
DISS connections, US Color markings
Hose, O_2, DISS female/female (green), 4.5 m 64 19 944
Hose, N_2O, DISS female/female (blue), 4.5 m 64 81 746
Hose, Air, DISS female/female (yellow), 4.5 m 64 81 753
MANUAL VENTILATION
22 mm patient tubes
Breathing bag set 22 mm, Hytrel 66 92 187
• Including:
- Patient tube 110 cm (22 mm conn).
- Breathing bag 2 L (reusable).
- Adapter 22 mm conn.
15 mm patient tubes
Breathing bag set 15 mm, Hytrel 66 92 192
• Including:
- Patient tube 110 cm (22 mm conn).
- Breathing bag 1 L (reusable).
- Adapter 22 mm conn.
10 mm patient tubes
Breathing bag set 10 mm, Hytrel 66 92 190
• Including:
- Patient tube 110 cm (22 mm conn).
- Breathing bag 0.5 L (reusable).
- Adapter 22 mm conn.

Alternative breathing bag

Reusable

Breathing bag, reusable

0.5 l	66 92 195
1 l	66 92 197
2 l	66 92 200
3 l	66 92 202

Disposable

Breathing bag, disposable, 20 pcs/pkg

0.5 L	66 92 215
1 L	66 92 217
2 L	66 92 220
3 L	66 92 222

VIRAL/BACTERIAL FILTER

Servo DuoGuard viral/bacterial filter, 60 pcs/pkg
66 71 775

PATIENT CONNECTION

Reusable

22 mm patient tubes

Breathing circuit, 22 mm, Hytrel (1.5 m)
66 92 180
- Including:
  - 2 x Patient tube 150 cm (22 mm conn).
  - Y-piece 22 mm conn.
  - Angled adapter 22/15 mm conn. with luer-lock port.

15 mm patient tubes

Breathing circuit, 15 mm, Hytrel (1.5 m)
66 92 182
- Including:
  - 2 x Patient tube 150 cm (22/15 mm conn).
  - Y-piece 22/15 mm conn.
  - Angled adapter 22/15 mm conn. with luer-lock port.

10 mm patient tubes

Breathing circuit, 10 mm, Hytrel (1.5 m)
66 92 185
- Including:
  - 2 x Patient tube 150 cm (22/10 mm conn).
  - Angled Y-piece with luer-lock port, 15/10 mm conn.

Disposable

22 mm patient tubes

Set of breathing circuit, 22 mm, Disposable (1.5 m), 20 pcs/pkg
66 92 205
- Including:
  - Patient tubes (smooth-bore), 22 mm diameter, 150 cm.
  - Manual bag tube (smooth-bore), 22 mm, 100 cm.
  - Latex-free manual bag, 2 L.
  - Y-piece.
  - Gas sampling line, 2.0 m.
  - Elbow connector with gas sampling port.

15 mm patient tubes

Set of breathing circuit, 15 mm, Disposable (1.2 m), 20 pcs/pkg
66 92 207
- Including:
  - Patient tubes (smooth-bore), 15 mm diameter with 22 mm connectors, 120 cm.
  - Manual bag tube (smooth-bore), 15 mm diameter with 22 mm connector, 120 cm.
  - Latex-free manual bag, 1 L.
  - Y-piece.
  - Gas sampling line, 2.0 m.
  - Elbow connector with gas sampling port.

10 mm patient tubes

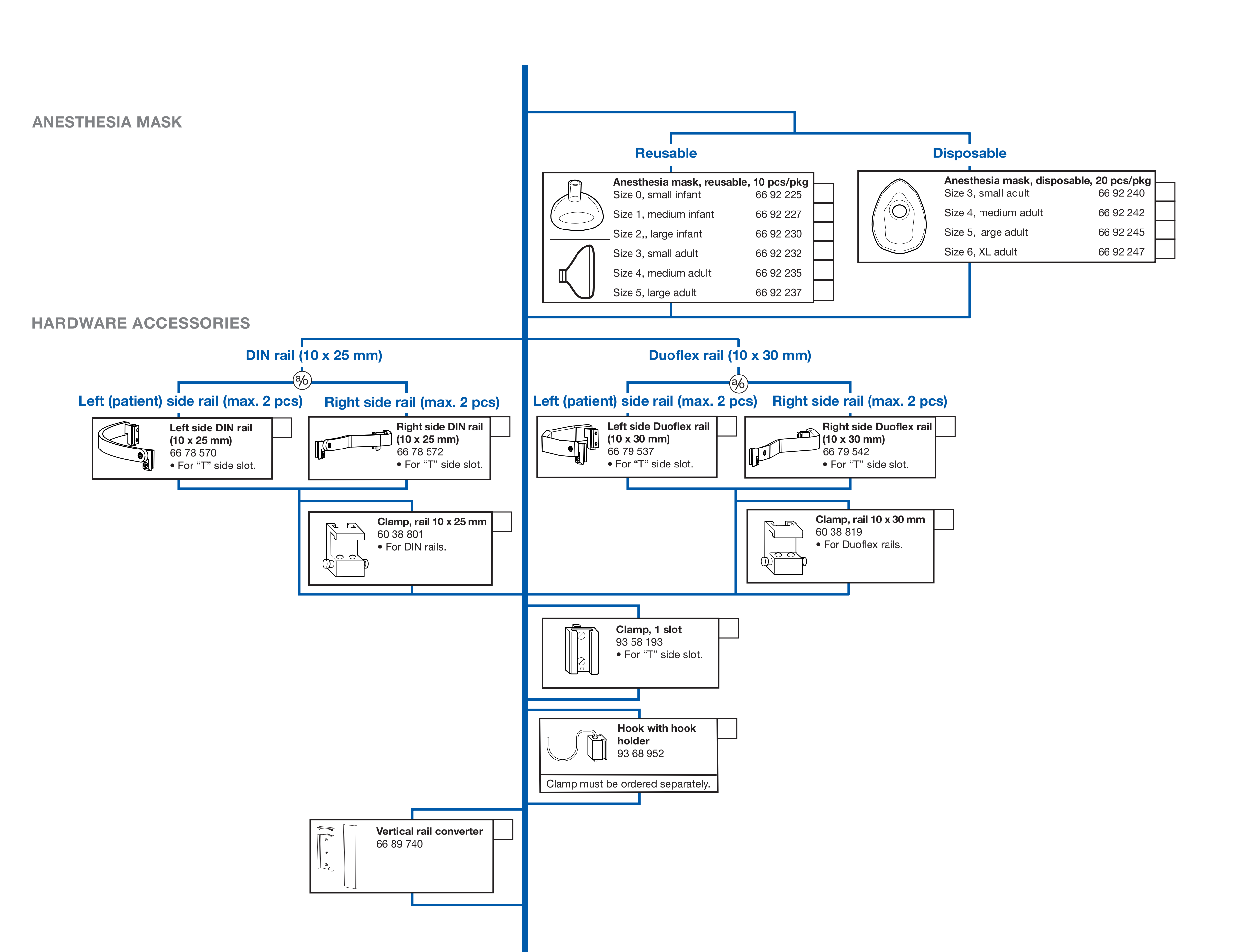
Set of breathing circuit, 10 mm, Disposable (1.2 m), 20 pcs/pkg
66 92 210
- Including:
  - Patient tubes (smooth-bore), 10 mm diameter with 22 mm connectors, 120 cm.
  - Manual bag tube (smooth-bore), 10 mm diameter with 22 mm connector, 120 cm.
  - Latex-free manual bag, 0.5 L.
  - Y-piece.
  - Gas sampling line, 2.0 m.
  - Elbow connector with gas sampling port.

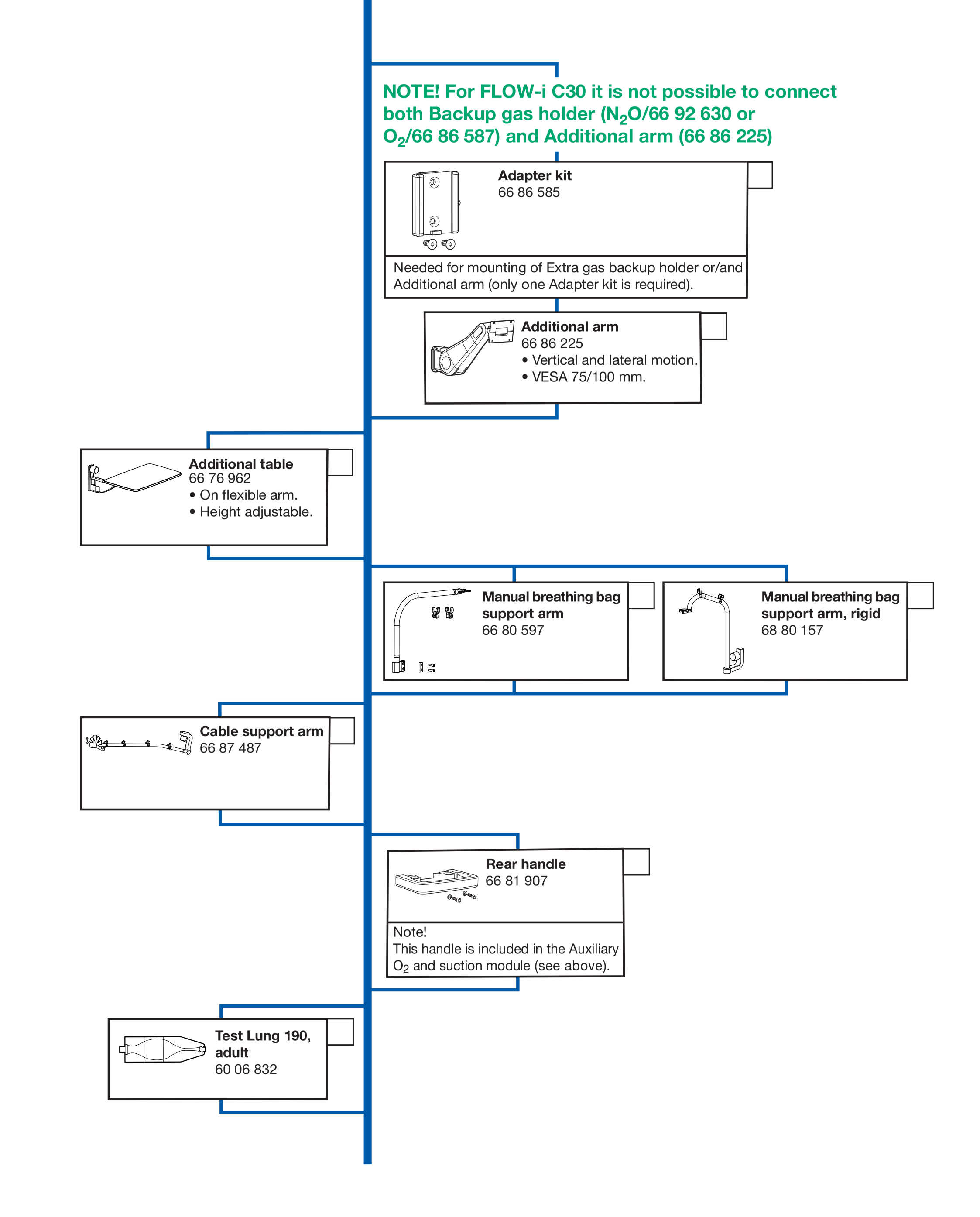
Reusable

a/o

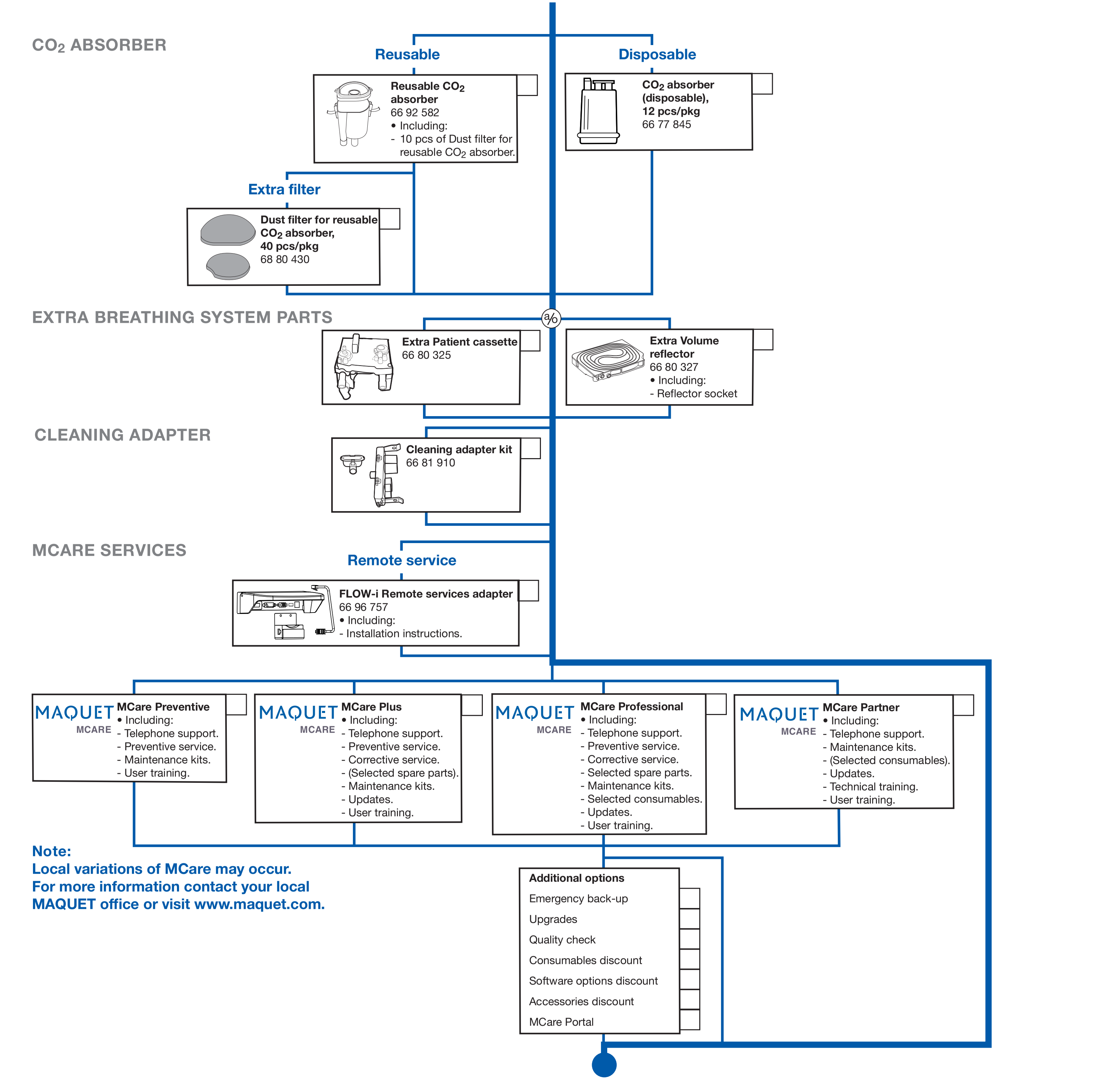
Tube connector 22-15 mm, angled, 5 pcs/pkg
90 37 730

Tube joint/adapter 22 mm
64 25 581
- 22 mm out. diam., 15 mm int. diam.


ANESTHESIA MASK
Reusable
Anesthesia mask, reusable, 10 pcs/pkg
Size 0, small infant 66 92 225
Size 1, medium infant 66 92 227
Size 2,, large infant 66 92 230
Size 3, small adult 66 92 232
Size 4, medium adult 66 92 235
Size 5, large adult 66 92 237
Disposable
Anesthesia mask, disposable, 20 pcs/pkg
Size 3, small adult 66 92 240
Size 4, medium adult 66 92 242
Size 5, large adult 66 92 245
Size 6, XL adult 66 92 247
HARDWARE ACCESSORIES
DIN rail (10 x 25 mm)
Left (patient) side rail (max. 2 pcs)
Left side DIN rail (10 x 25 mm) 66 78 570
• For "T" side slot.
Right side rail (max. 2 pcs)
Right side DIN rail (10 x 25 mm) 66 78 572
• For "T" side slot.
Clamp, rail 10 x 25 mm 60 38 801
• For DIN rails.
Duoflex rail (10 x 30 mm)
Left (patient) side rail (max. 2 pcs)
Left side Duoflex rail (10 x 30 mm) 66 79 537
• For "T" side slot.
Right side rail (max. 2 pcs)
Right side Duoflex rail (10 x 30 mm) 66 79 542
• For "T" side slot.
Clamp, rail 10 x 30 mm 60 38 819
• For Duoflex rails.
Clamp, 1 slot 93 58 193
• For "T" side slot.
Hook with hook holder 93 68 952
Clamp must be ordered separately.
Vertical rail converter 66 89 740


NOTE! For FLOW-i C30 it is not possible to connect both Backup gas holder (N_2O/66 92 630 or O_2/66 86 587) and Additional arm (66 86 225)
Adapter kit
66 86 585
Needed for mounting of Extra gas backup holder or/and Additional arm (only one Adapter kit is required).
Additional arm
66 86 225
• Vertical and lateral motion.
• VESA 75/100 mm.
Additional table
66 76 962
• On flexible arm.
• Height adjustable.
Manual breathing bag support arm
66 80 597
Manual breathing bag support arm, rigid
68 80 157
Cable support arm
66 87 487
Rear handle
66 81 907
Note!
This handle is included in the Auxiliary O_2 and suction module (see above).
Test Lung 190, adult
60 06 832

TEST LUNG



CO2 ABSORBER
Reusable
Reusable CO2 absorber
66 92 582
• Including:
- 10 pcs of Dust filter for reusable CO2 absorber.
Disposable
CO2 absorber (disposable), 12 pcs/pkg
66 77 845
Extra filter
Dust filter for reusable CO2 absorber, 40 pcs/pkg
68 80 430
EXTRA BREATHING SYSTEM PARTS
Extra Patient cassette
66 80 325
Extra Volume reflector
66 80 327
• Including:
- Reflector socket
CLEANING ADAPTER
Cleaning adapter kit
66 81 910
MCARE SERVICES
Remote service
FLOW-i Remote services adapter
66 96 757
• Including:
- Installation instructions.
MAQUET MCARE
MCare Preventive
• Including:
- Telephone support.
- Preventive service.
- Maintenance kits.
- User training.
MAQUET MCARE
MCare Plus
• Including:
- Telephone support.
- Preventive service.
- Corrective service.
- (Selected spare parts).
- Maintenance kits.
- Updates.
- User training.
MAQUET MCARE
MCare Professional
• Including:
- Telephone support.
- Preventive service.
- Corrective service.
- Selected spare parts.
- Maintenance kits.
- Selected consumables.
- Updates.
- User training.
MAQUET MCARE
MCare Partner
• Including:
- Telephone support.
- Maintenance kits.
- (Selected consumables).
- Updates.
- Technical training.
- User training.
Additional options
Emergency back-up
Upgrades
Quality check
Consumables discount
Software options discount
Accessories discount
MCare Portal
Note:
Local variations of MCare may occur.
For more information contact your local MAQUET office or visit www.maquet.com.

NOTES

NOTES

NOTES

Contents



For local contact:
Please visit our website
www.maquet.com

• Order No. 66 73 120 • FLOW-i, System Version 4.0 – System Flow Chart • 2014-05 • Rev. 19 English •



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Products may be pending regulatory approvals to be marketed in your country. Contact your MAQUET representative for more information.